	changed a file from non-ASCII to ASCII ENTERED CRF Processing Date: ///S
	Changed the margins in cases where the sequence text was "wrapped" down to the next line.
	Edited a format error in the Current Application Data section, specifically:
	Edited the Current Application Data section with the actual current number. The number inputted by tapplicant was the prior application data; or other
	Added the mandatory heading and subheadings for "Current Application Data".
	Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integ
	Changed the spelling of a mandatory field (the headings or subheadings), specifically:
	Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
1	Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
	Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
	Inserted colons after headings/subheadings. Headings edited included:
	Deleted extra, invalid, headings used by an applicant, specifically:
	Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as
	Inserted mandatory headings, specifically: <u>C2207 gClally</u>
	Corrected an obvious error in the response, specifically:
-	Edited identifiers where upper case is used but lower case is required, or vice versa.
	Corrected an error in the Number of Sequences field, specifically:
_	A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
	releted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (equences to a Patentin bug). Sequences corrected:
	Other:

3/1/95

Action. DO NOT send a copy of this form.

Company of the Company of the State of the S

10 to 10 to

DATE: 01/15/2002

TIME: 19:53:31

OIPE

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             McCreath, Graham E.
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     9 <130> FILE REFERENCE: 0623.0730002/EKS/BJD
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     12 <141> CURRENT FILING DATE: 2001-12-21
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/024,597

RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/024,597 TIME: 19:53:31

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01152002\J024597.raw

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RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/024,597 TIME: 19:53:31

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PATENT APPLICATION: US/10/024,597

DATE: 01/15/2002 TIME: 19:53:31

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PATENT APPLICATION: US/10/024,597

DATE: 01/15/2002 TIME: 19:53:31

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DATE: 01/15/2002

PATENT APPLICATION: US/10/024,597

TIME: 19:53:32

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L:347 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:8 L:354 M:283 W: Missing Blank Line separator, <220> field identifier L:404 M:283 W: Missing Blank Line separator, <220> field identifier

DATE: 01/10/2002

TIME: 15:35:53

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              McCreath, Graham E.
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     63 <223> OTHER INFORMATION: Description of Artificial Sequence: Recognition
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     66 <400> SEQUENCE: 3
     67 Asp Asp Asp Lys
     68 1
     71 <210> SEQ ID NO: 4
     72 <211> LENGTH: 12061
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/024,597

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/024,597
DATE: 01/10/2002
TIME: 15:35:53

Input Set : A:\seq.lst.txt

Output Set: N:\CRF3\01102002\J024597.raw

73 <212> TYPE: DNA 74 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA sequence of pCLYSM, excluding the bacterial plasmid 78 80 <400> SEQUENCE: 4 81 aagcttgcat gcctgcaggt cgacctgcag gtcaacggat ctctgtgtct gttttcatgt 60 82 tagtaccaca ctgttttggt ggctgtagct ttcagctaca gtctgaagtc ataaagcctg 120 83 gtacctccag ctctgttctc tctcaagatt gtgttctgct gtttgggtct ttagtgtctc 180 84 cacacaattt ttagaattgt ttgttctagt tctgtgaaaa atgatgctgg tattttgata 240 85 aggattgcat tgaatctgta aagctacaga tatagtcatt gggtagtaca gtcactttaa 300 86 caatattaac tetteacate tgtgageatg atatattte eccetetata teatetteaa 360 87 ttcctcctat cagtttcttt cattgcagtt ttctgagtac aggtcttaca cctccttggt 420 88 tagagtcatt cctcagtatt ttattccttt gatacaattg tgaatgaggt aattttctta 480 89 gtttctcttt ctgatagctc attgttagtg tatatataga aaagcaacag atttctatgt 540 90 attaattttg tatcctgcaa cagatttcta tgtattaatt ttgtatcctg ctactttacg 600 91 gaattcactt attagctttt tggtgacatc ttgaggattt tctgaagaaa atggcatggt 660 92 atggtaggac aaggtgtcat gtcatctgca aacagtggca gttttccttc ttcccttcca 720 93 acctggattt ctttgatttc tttctgtctg agtacgacta ggattcccaa tactataccg 780 94 aataaaagtg gcaagagtgg acatccttgt cttatttttc tgaccttaga ggaaatgctt 840 95 tcagtttttc accattaatt ataatgttta ctgtgggctt gtcatatgtg gccttcatta 900 96 tatggaggtc tattccctct atacccacct tgttgagagt ttttatcata aaagtatgtt 960 97 gaattttgtc aaaagttttt cctgcatcta ttgagatgat ttttactctt caattcatta 1020 98 atgattttta ttcttcattt tgttaatgat ttccattctt caatttgtta acgtggtata 1080 99 tcacattgat tgatttgtgg atacctttgt atccctggga taaacctcac ttgatcatga 1140 100 gctttcaatg tatttttgaa ttcactttgc taatattctg ttgggtattt ttgcatctct 1200 101 attcatcaat gatattggcc taagaaaggt tttgtctggt tttagtatca gggtgatgct 1260 102 ggcctcatag agagagttta gaagcatttc ctcctctttg atttttcgga atagtttgag 1320 103 taggataggt attaactctt ctttaaatgt ttggggactt ccctggtgag ccggtggttg 1380 104 agaatccgcc tcagggatgt gggtttgatc cctggtcagg gaaccattaa taagatccca 1440 105 catgctgcag ggcaacaagc ccccaagctg caaccactga gctgcaaccg ctgcagtgcc 1500 106 cacaggecae gaccagagaa ageccaeata cagcagggaa gacccageae aaccggaaaa 1560 107 aggagtttgg tggaatacag ctgtgaagcc gtctggtcct ggactcctgc ttgagggaat 1620 108 tttttaaaaa ttattgattc aatttcatta ctggtaactg gtctgttcat attttctatt 1680 109 tetteegggt teagtettgg gagattgtae atgeetagga atgtgteegt ttettetagg 1740 110 ttgtccattt tattggacat gcatgggagc acacagcacc gaccagcgag actcatgctg 1800 111 gcttcctggg gccagggctg gggccccaag cagcatggca tcctagagtg tgtgaaagcc 1860 112 cactgaccct gcccagcccc acaatttcat tctgagaagt gattccttgc ttctgcactt 1920 113 acaggeccag gatetgaeet gettetgagg ageaggggtt ttggcaggae ggggagatge 1980 114 tqaqaqccqa cqqqqqtcca qqtccctcc cagqcccccc tqtctqqqqc agcccttqqq 2040 115 aaagattgcc ccagtctccc tectacagtg gtcagtccca gctgccccag gccagagctg 2100 116 ctttatttcc gtctctctct ctggatggta ttctctggaa gctgaaggtt cctggaagtt 2160 117 atgaatagct ttgccctgaa gggcatggtt tgtggtcacg gttcacagga acttgggaga 2220 118 ccctgcagct cagacgtccc gagattggtg gcacccagat ttcctaagct cgctggggaa 2280 119 cagggegett gttteteect ggetgacete eeteeteect geateaceea gttetgaaag 2340 120 cagageggtg etggggteac agectetege atetaaegee ggtgteeaaa ecaeeegtge 2400 121 tggtgttcgg ggggctacct atggggaagg gcttctcact gcagtggtgc cccccgtccc 2460 122 ctctgagatc agaagtccca gtccggacgt caaacaggcc gagctccctc cagaggctcc 2520 123 agggagggat cettgecece cegetgetge etceagetee tggtgeegea ecettgagee 2580

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/024,597

DATE: 01/10/2002 TIME: 15:35:53

Input Set : A:\seq.lst.txt

Output Set: N:\CRF3\01102002\J024597.raw

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RAW SEQUENCE LISTING DATE: 01/10/2002 PATENT APPLICATION: US/10/024,597 TIME: 15:35:53

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/024,597
DATE: 01/10/2002
TIME: 15:35:53

Input Set : A:\seq.lst.txt

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10/024,597 6

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<211> 4
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<213> Artificial Sequence
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DATE: 01/10/2002 VERIFICATION SUMMARY TIME: 15:35:54 PATENT APPLICATION: US/10/024,597

Input Set : A:\seq.lst.txt

Output Set: N:\CRF3\01102002\J024597.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:347 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:8

L:354 M:258 W: Mandatory Feature missing, <220> FEATURE: L:403 M:258 W: Mandatory Feature missing, <220> FEATURE: